

## PATENT ABSTRACTS OF JAPAN

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## (54) PACKET TRANSFER SYSTEM

## (57)Abstract:

PURPOSE: To considerably reduce the lowering of transfer efficiency due to a network header by adding only one network header to plural packets in a packet switching network and editing a repeater packet.

CONSTITUTION: When a packet P is transmitted to another packet switchboard 1, a repeater packet editing means 100 connects together with other packets P...P which are standing by for transmission to a same calling station, adds one network header NH, and edits a repeater packet NP. Further, it provides identification information x...x to show the location of respective packets P...P in the repeater packet NP for the network header NH and transmits to the calling station. When a repeater packet separation means 200 receives the repeater packet NP for its own station from another packet switchboard 1, it separates the respective packets P...P to be contained in the repeater packet NP based on the packet identification information x...x to be contained in the network header NH, and distributes to each destination.

